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MONTANA OIL AND GAS STATISTICAL BULLETIN

SHELVED WITH PERIODICALS

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

VOL. IX., No. 2. THURBER'S HELENA February, 1961.

Production of crude oil and condensate from the oil and gas areas of Montana for the Month of February, 1961, averaged 83,205 barrels daily, a decrease of 166. barrels from the average January production of 83,371.

The nine refineries in the State processed 60,479 barrels of crude oil daily for the month of February, 1961, a decrease of 6,995 barrels from the 67,474 barrels processed daily during the month of January, 1961.

During February, 20 wells were completed, 6 oil, 0 gas wells and 14 dry holes.

During February the Commission issued 21 permits to drill new wells, a decrease of 2 from the 23 permits issued during January.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF FEBRUARY, 1961

IN STORAGE FEBRUARY 1st:	
By Producers	363,206
By Transporters	645,474
By Refiners	635,178
TOTAL STORAGE	1,643,858
Produced in Montana During Month	2,329,765
Imported During Month	945,960
TOTALS	4,919,583
DISPOSITION:	
Refined in Montana	1,693,418
Exported	,1484,258
Used for Fuel or Lost	6,550
TOTAL	3,184,226
IN STORAGE FEBRUARY 28th:	
By Producers	353,799
By Transporters	658,766
By Refiner	722,792
TOTAL STORAGE	1,735,357

NATURAL GAS WITHDRAWALS IN MONTANA

Month of February, 1961

Field	M Cu. Ft.
Bears Den	0
Big Coulee	87,560
Bowdoin	680,666
Bowes	108,020
Box Elder	0
Cabin Creek	88,534
Cedar Creek	542,792
Clarks Fork	7,587
Cut Bank (including Reagan)	1,367,538
Devon	0
Dry Creek	157,271
Elk Basin	25,279
Flat Coulee	14,811
Golden Dome	0
Grandview	0
Hardin	4,253
Keith Block	272,987
Kevin Sunburst	100,314
Pine	58,106
Plevna	15,132
Utopia	83,084
Whitlash	86,519
Miscellaneous	46,885
TOTAL	3,747,338

Total Withdrawals for February, 1960 were 3,874,248 M Cu. Ft.

PRODUCER'S REPORT
MONTH OF FEBRUARY, 1961

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
4	Ash Creek	4	1,141	2,174		2,604		711
5	Bannatyne	13	1,321	1,455		1,061		1,715
1	Belfry	1	158	1,375		1,275		258
11	Big Wall	25	3,520	18,429		16,536		5,413
12	Blackfoot	16	2,910	9,858		8,144	6	4,618
4	Border	4		1,338		1,338		
22	Bowes	75	4,024	18,823	19,416			3,431
	Bredette		1,113					1,113
2	Bredette, North	2	1,516	1,117	1,273			1,360
2	Brorson	2	2,479	1,999	1,449			3,029
2	Cabin Creek	104	8,485	357,225	359,741			5,969
23	Cat Creek	92	4,314	18,376	16,386	2,326		3,978
	Clark's Fork		183					183
1	Clark's Fork, North	2	3,249	1,070		1,840		2,479
1	Cupton	2	321	1,365	800			886
367	Cut Bank	1,057	124,243	165,205	161,217		1,382	126,849
3	Deer Creek	6	2,880	17,599	19,284			1,195
2	Delphia	2	1,010	1,463		1,665		808
	Devil's Basin		889					889
4	Dry Creek	4	1,019	2,285	2,449			855
4	Dwyer	4	2,776	18,300		17,771		3,305
7	Elk Basin	55	2,914	189,151	189,194			2,871
1	Fertile Prairie	6	517	600	600			517
2	Frannie	2	299	1,518	1,512			305
2	Gage	2	1,052	751		810	5	988
4	Gas City	10	4,411	14,231	16,440			2,202
6	Glendive	11	6,313	30,141	30,975			5,479
4	Gypsy Basin	4	1,132	297	593			836
2	Hibbard	2	1,002	3,151		3,250		903
10	Ivanhoe	18	7,168	39,913		40,528		6,553
6	Keg Coulee	6	3,051	76,022	72,643	1,047	1,123	4,260
182	Kevin-Sunburst	1,034	16,915	54,441	53,671			17,685
1	Little Beaver	15	4,301	31,285	32,114			3,472
4	Little Beaver, East	11	4,408	16,173	17,922			2,659
1	Mackay Dome	1	765	5				770
3	Melstone	8	2,910	3,436		3,815	54	2,477
5	Monarch	13	4,062	30,557	31,563			3,056
3	Mosser	5	253	400		400		253
7	Outlook	11	6,920	45,649	46,597			5,972
3	Outlook, South	3	2,295	3,415	4,076			1,634
11	Pennel	19	8,062	49,491	49,855			7,698
4	Pine	143	14,343	388,826	390,314			12,855
78	Pondera	297	9,283	38,396	39,702		28	7,949
7	Poplar, East	92	19,117	196,208	195,542		(9)	19,792
3	Poplar, Northwest	4	1,106	1,822	1,354			1,574
4	Ragged Point	10	4,706	9,922		12,160		2,468
4	Reagan	50	2,696	10,481	9,978			3,199
9	Red Creek	17	3,325	25,046		25,554		2,817
1	Redstone	1	451	1,063	1,029			485
1	Repeat	1	523	2,524	2,400			647
7	Richey	11	4,105	11,313	9,875			5,543
2	Richey, Southwest	2	2,039	4,984	4,626			2,397
4	Sand Creek	5	4,342	14,734	16,182			2,894
2	Sidney	2	2,888	1,721	1,213			3,396
2	Snyder	4	689	1,644		1,794		539
4	Soap Creek	8	1,996	4,708		4,872		1,832
9	Stensvad	25	10,257	119,196		119,898		9,555
27	Sumatra	88	18,047	182,604	36,665	147,333	3	16,650
7	Sweetgrass Hills	7	1,339	4,253		4,105	(7)	1,494
2	Tule Creek	3	1,825	21,000	21,006		105	1,714
1	Whitlash	1	5,573	762		762		5,573
9	Wills Creek	15	3,595	33,249	31,595			5,249
10	Wolf Springs	19	3,820	23,603	23,024			4,399
2	Woodrow	2	840	1,623	1,319			1,144
933		3,458	363,206	2,329,765	1,915,594	420,888	2,690	353,799

Total Oil Produced and Shipped from Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1960	30,239,915	82,849	30,213,359	82,776
February, 1960	2,584,516	83,371	2,575,906	83,093
February, 1961	2,329,765	83,205	2,336,482	83,445

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1960	359,360	669,036	652,546	1,680,942
January, 1961	363,206	645,474	635,178	1,643,858
February, 1961	353,799	658,766	722,792	1,735,357

*Includes Wyoming Oil

TRANSPORTERS REPORT
MONTH OF FEBRUARY, 1961

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,604				2,604		
BANNATYNE—Truck			1,061			1,061			
BELFRY—Truck			1,275				1,275		
BIG WALL—Truck			16,536			16,536			
BLACKFOOT—Union Oil Co.			8,144			8,144			
BORDER—Truck			1,338			1,388			
BOWES—									
Trigood Oil Co.	2,791	2,500				2,500			2,791
Texaco, Inc.		16,916				16,916			
	2,791	19,416				19,416			2,791
BRORSON—Sun Oil Co.		1,449					1,449		
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	308,951	861,543		477,927	(1)		1,343,359		305,063
Shell Pipe Line Corp.	1,825	143,685			(167)			143,853	1,824
	310,776	1,005,228		477,927	(168)		1,343.359	143,853	306,887
CAT CREEK—									
Continental Pipe Line Co.	4,950	16,386			(25)	17,982			3,379
Truck			2,326			2,326			
	4,950	16,386	2,326		(25)	20,308			3,379
CLARK'S FORK—Truck			1,840				1,840		
CUT BANK—									
Big West Oil Co.				30,619		30,619			
Darling Gathering System, Inc.	1,838	8,270						8,278	1,830
Phillips Petroleum Co.	78,564	56,281		26,380	1,090	54,726		1,415	103,994
Texas Pipe Line Co.	22.252	24,386		4,453	296			27,884	22,911
Toronto Pipe Line Co.	35,711	40,280			(54)			42,958	33,087
Union Oil Co.	91,153	61,980		19,367	(613)	101,210			71,903
	229,518	191,197		80,819	719	186,555		80,535	233,725
DELPHIA—Truck			1,665				1,665		
DRY CREEK—									
Marathon Pipe Line Co.	7,130	2,634			(36)			3,213	6,587
DWYER—Truck			17,771				17,771		
ELK BASIN—Ohio Oil Co.		189,194					189,194		
FRANNIE—Ohio Oil Co.		1,512					1,512		
GAGE—Truck			810				810		
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
The Texas Pipe Line Co.	7.442	67,759			278	4,447		57,286	13,190
HIBBARD—Truck			3,250				3,250		
IVANHOE—Truck			40,528				40,528		
KEG COULEE—									
Crude Oil Pipeline, Inc.		1,047					1,047		
Truck			72,643				72,643		
		1,047	72,643				73,690		
KEVIN-SUNBURST—									
Big West Oil Co.	2,087	39,423				39,432			2,078
Homestake Oil & Gas Co.	723	2,408		8,278	(1)	10,465			945
The Texas Pipe Line Co.	5,696	23,205			791	17,055		5,359	5,696
	8.506	65,036		8,278	790	66,952		5,359	8,719
MELSTONE—Truck			3,815			3.815			
MOSSER—Truck			400				400		
PONDERA—Phillips Petr. Co.	25.498	41,598			814	29,470			36,812
POPLAR, BREDETTE, OUTLOOK, SOUTH OUTLOOK, REDSTONE, RICHEY & TULE CREEK.									
East Poplar Gathering System	13.075	278,214			506			276,778†	14,005
RAGGED POINT—Truck			12,160			12,160			
REAGAN—Union Oil Co.		9,978				9,978			
RED CREEK—Truck		25,554				4,503	21,051		
SIDNEY—Sun Oil Co.		1,213					1,213		
SNYDER—Truck			1,794				1,794		
SOAP CREEK—Truck			6,444				6,444		
SUMATRA AND STENSVAD—									
Crude Oil Pipeline, Inc.	26,423	36,665			(85)	23,548	14,074		25,551
Truck			267,231				267,231		
	26,423	36,665	267,231		(85)	23,548	281,305		25,551
SWEETGRASS HILLS—Truck			4,105			4,105			
WHITLASH—									
Homestake Oil & Gas Co.									
Western Natural Gas Co.	188								188
Truck			762			762			
	188		762			762			188
WOLF SPRINGS—									
Crude Oil Pipeline, Inc.	9,177	22,513			(82)	24,840			6,932
TOTALS	645,474	1,976,593	468,502	567,024	2,711	437,938	1,991,154	567,024	658,766

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey and Wills Creek Fields. †Transferred to Butte Pipe Line Co.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF FEBRUARY, 1961

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Texaco Inc.	Union Oil Co.	Total
Blackfoot									7,027	7,027
Bowes			18,920							18,920
Cat Creek		15,818		2,276		2,025				20,119
Cut Bank	22,056						54,395		89,146	165,597
Dry Creek				3,294						3,294
Elk Basin		42,464			94,491					136,955
Gage				330		480				810
Kevin-Sunburst	43,037									43,037
Melstone				3,503						3,503
Pondera							29,677			29,677
Reagan									248	248
Red Creek									4,132	4,132
Sumatra		614		168,981	109,913	748				280,256
Whitlash									762	762
Wolf Springs					33,121					33,121
Total Montana Oil	65,093	58,896	18,920	178,384	237,525	3,253	84,072		101,315	747,458
Canadian Oil Imported									2,431	2,431
Wyoming Oil Imported		307,774		334,346	301,409					943,529
TOTAL Mont., Canadian & Wyoming Oil	65,093	366,670	18,920	512,730	538,934	3,253	84,072		103,746	1,693,418

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	TOTAL
Year, 1960	28,852	56	39,406	63,314
February, 1960	29,039	52	45,745	74,836
February, 1961	26,694	88	33,697	60,479

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
42.23%	.09%	57.68%
38.80%	.08%	61.12%
44.13%	.16%	55.71%